OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/842,469

DATE: 05/11/2001
TIME: 11:51:23

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Output Set: N:\CRF3\05112001\I842469.raw

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      6       USES THEREOF
      8 <130> FILE REFERENCE: PC10873B
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/842,469
C--> 11 <141> CURRENT FILING DATE: 2001-04-26
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98              20                  25                  30
100 Leu Ser Ser Leu Glu Ser Tyr Glu Ile Ala Phe Pro Thr Arg Val Asp
101         35                  40                  45
103 His Asn Gly Ala Leu Leu Ala Phe Ser Pro Pro Pro Pro Arg Arg Gln
104     50                  55                  60
106 Arg Arg Gly Thr Gly Ala Thr Ala Glu Ser Arg Leu Phe Tyr Lys Val
107 65                  70                  75                  80
109 Ala Ser Pro Ser Thr His Phe Leu Leu Asn Leu Thr Arg Ser Ser Arg
110                 85                  90                  95
112 Leu Leu Ala Gly His Val Ser Val Glu Tyr Trp Thr Arg Glu Gly Leu
113             100                 105                 110
115 Ala Trp Gln Arg Ala Ala Arg Pro His Cys Leu Tyr Ala Gly His Leu
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118 Gln Gly Gln Ala Ser Thr Ser His Val Ala Ile Ser Thr Cys Gly Gly
119      130                 135                 140
121 Leu His Gly Leu Ile Val Ala Asp Glu Glu Glu Tyr Leu Ile Glu Pro
122 145                 150                 155                 160
124 Leu His Gly Gly Pro Lys Gly Ser Arg Ser Pro Glu Glu Ser Gly Pro
125                 165                 170                 175
127 His Val Val Tyr Lys Arg Ser Ser Leu Arg His Pro His Leu Asp Thr
128             180                 185                 190
130 Ala Cys Gly Val Arg Asp Glu Lys Pro Trp Lys Gly Arg Pro Trp Trp
131         195                 200                 205
133 Leu Arg Thr Leu Lys Pro Pro Pro Ala Arg Pro Leu Gly Asn Glu Thr
134     210                 215                 220
136 Glu Arg Gly Gln Pro Gly Leu Lys Arg Ser Val Ser Arg Glu Arg Tyr
137 225                 230                 235                 240
139 Val Glu Thr Leu Val Val Ala Asp Lys Met Met Val Ala Tyr His Gly
140                 245                 250                 255
142 Arg Arg Asp Val Glu Gln Tyr Val Leu Ala Ile Met Asn Ile Val Ala
143             260                 265                 270
145 Lys Leu Phe Gln Asp Ser Ser Leu Gly Ser Thr Val Asn Ile Leu Val
146         275                 280                 285
148 Thr Arg Leu Ile Leu Leu Thr Glu Asp Gln Pro Thr Leu Glu Ile Thr
149     290                 295                 300
151 His His Ala Gly Lys Ser Leu Asp Ser Phe Cys Lys Trp Gln Lys Ser
152 305                 310                 315                 320
154 Ile Val Asn His Ser Gly His Gly Asn Ala Ile Pro Glu Asn Gly Val
155                 325                 330                 335
157 Ala Asn His Asp Thr Ala Val Leu Ile Thr Arg Tyr Asp Ile Cys Ile
158             340                 345                 350
160 Tyr Lys Asn Lys Pro Cys Gly Thr Leu Gly Leu Ala Pro Val Gly Gly
161         355                 360                 365
163 Met Cys Glu Arg Glu Arg Ser Cys Ser Val Asn Glu Asp Ile Gly Leu
164     370                 375                 380
166 Ala Thr Ala Phe Thr Ile Ala His Glu Ile Gly His Thr Phe Gly Met
167 385                 390                 395                 400
169 Asn His Asp Gly Val Gly Asn Ser Cys Gly Ala Arg Gly Gln Asp Pro
170                 405                 410                 415
172 Ala Lys Leu Met Ala Ala His Ile Thr Met Lys Thr Asn Pro Phe Val
173             420                 425                 430
175 Trp Ser Ser Cys Ser Arg Asp Tyr Ile Thr Ser Phe Leu Asp Ser Gly
176         435                 440                 445
178 Leu Gly Leu Cys Leu Asn Asn Arg Ile Ile Arg Glu Asp Phe Val Tyr
179     450                 455                 460
181 Pro Thr Val Ala Pro Gly Gln Ala Tyr Asp Ala Asp Asn Ile Cys Arg
182 465                 470                 475                 480
184 Phe Gln His Gly Val Lys Ser Arg Gln Cys Lys Tyr Gly Glu Val Cys
185                 485                 490                 495
187 Ser Glu Leu Trp Cys Leu Ser Lys Ser Asn Arg Cys Ile Thr Asn Ser
188             500                 505                 510
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197 545                 550                 555                 560
199 Arg Thr Cys Gly Gly Gly Val Ser Ser Ser Ser Arg His Cys Asp Ser
200                 565                 570                 575
202 Pro Arg Pro Thr Ile Gly Gly Lys Tyr Cys Leu Gly Glu Arg Arg Arg
203             580                 585                 590
205 His Arg Ser Cys Asn Thr Asp Asp Cys Pro Pro Gly Ser Gln Asp Phe
206         595                 600                 605
208 Arg Glu Val Gln Cys Ser Glu Phe Asp Ser Ile Pro Phe Arg Gly Lys
209     610                 615                 620
211 Phe Tyr Lys Trp Lys Thr Tyr Arg Gly Gly Gly Val Lys Ala Cys Ser
212 625                 630                 635                 640
214 Leu Thr Cys Leu Ala Glu Gly Phe Asn Phe Tyr Thr Glu Arg Ala Ala
215                 645                 650                 655
217 Ala Val Val Asp Gly Thr Pro Cys Arg Pro Asp Thr Val Asp Ile Cys
218             660                 665                 670
220 Val Ser Gly Glu Cys Lys His Val Gly Cys Asp Arg Val Leu Gly Ser
221         675                 680                 685
223 Asp Leu Arg Glu Asp Lys Cys Arg Val Cys Gly Gly Asp Gly Ser Ala
224     690                 695                 700
226 Cys Glu Thr Ile Glu Gly Val Phe Ser Pro Ala Ser Pro Gly Ala Gly
227 705                 710                 715                 720
229 Tyr Glu Asp Val Val Trp Ile Pro Lys Gly Ser Val His Ile Phe Ile
230                 725                 730                 735
232 Gln Asp Leu Asn Leu Ser Leu Ser His Leu Ala Leu Lys Gly Asp Gln
233             740                 745                 750
235 Glu Ser Leu Leu Leu Glu Gly Leu Pro Gly Thr Pro Gln Pro His Arg
236         755                 760                 765
238 Leu Pro Leu Ala Gly Thr Thr Phe Gln Leu Arg Gln Gly Pro Asp Gln
239     770                 775                 780
241 Val Gln Ser Leu Glu Ala Leu Gly Pro Ile Asn Ala Ser Leu Ile Val
242 785                 790                 795                 800
244 Met Val Leu Ala Arg Thr Glu Leu Pro Ala Leu Arg Tyr Arg Phe Asn
245                 805                 810                 815
247 Ala Pro Ile Ala Arg Asp Ser Leu Pro Pro Tyr Ser Trp His Tyr Ala
248             820                 825                 830
250 Pro Trp Thr Lys Cys Ser Ala Gln Cys Ala Gly Gly Ser Gln Val Gln
251         835                 840                 845
253 Ala Val Ser Cys Arg Asn Ile Leu Asp Ser Ser Ala Val Ala Pro His
254     850                 855                 860
256 Tyr Cys Ser Ala His Ser Lys Leu Pro Lys Arg Gln Arg Ala Cys Asn
257 865                 870                 875                 880
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260                 885                 890                 895
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272 945                 950                 955                 960
274 Gly Pro Gly Leu Arg His Arg Val Val Leu Cys Lys Ser Ala Asp His
275                 965                 970                 975
277 Arg Ala Thr Leu Pro Pro Ala His Cys Ser Pro Ala Ala Lys Pro Pro
278                980                 985                 990
280 Ala Thr Met Arg Cys Asn Leu Arg Arg Cys Pro Pro Ala Arg Trp Val
281             995                 1000                1005
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284     1010                1015                1020
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293             1060                1065                1070
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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date